

03500.017375.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MASAHIKO KUBOTA ET AL.

Application No.: 10/615,302

Filed: July 9, 2003

For: METHOD OF PRODUCING
MICROSTRUCTURE, METHOD
OF PRODUCING LIQUID
DISCHARGE HEAD, AND
LIQUID DISCHARGE HEAD
BY THE SAME

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

August 14, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Pursuant to the recent changes to 37 C.F.R. 1.98(a)(2)(i), copies of the listed U.S. Patent documents are not enclosed (a copy of the PTO notice is attached).

For the concise explanation of relevance for the non-English documents, the Examiner is referred to the English abstracts attached hereto. Applicants note that JP 3143307 corresponds with U.S. Patent No. 5,478,606, JP 10-291317 corresponds with U.S. Patent 6,158,843, and JP 4-216952 corresponds with U.S. Patent No. 5,331,334.

The Examiner's attention is also directed to the following U.S. Applications:

<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
10/615,305	07/09/03	N.Y.A.
10/615,289	07/09/03	N.Y.A.

A copy of each cited Application is enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)APPLICANT
MASAHICO KUBOTA ET AL.

AUG 18 2003

FILING DATE
July 9, 2003GROUP
Not Yet Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,882,595	11/21/89	Trueba et al.	346	140R	
	5,478,606	12/26/95	Ohkuma et al.	427	555	
	6,158,843	12/12/00	Murthy et al.	347	47	
	5,331,344	07/19/94	Miyagawa et al.	347	63	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP	6-45242		JAPAN			Abstract
JP	3143307		JAPAN			Abstract & corresponding U.S. Patent No. 5,478,606
JP	10-291317		JAPAN			Abstract & corresponding U.S. Patent No. 6,158,843
JP	3010089		JAPAN			Abstract
JP	2000326515		JAPAN			Abstract
JP	4-216952		JAPAN			Abstract & corresponding U.S. Patent No. 5,331,344

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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